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JOINT PHOTOGRAPHIC INTELLIGENCE BRIEF
ARMY-NAVY-CIA

(Published and Disseminated by CIA/PIC)

SUBJECT : Probable Radio Beacon

NO : PIC/JB-110/60

DATE: 23 June 1960

LOCATION: 14 nm NNE of Kuybyshev,
USSR

LAT : 53°23'N

LONG: 50°20'E

25X1D



MAP DATA:

ACIC. US Air Target Chart, Series 100, Sheet 0165-9998-100A,
2d ed, Sep 53, scale 1:100,000 (S)

AMS. Series N 501, Sheet NN 39-8, 3d ed, Oct 57, scale
1:250,000 (U)

25X1A

REFERENCE:



REMARKS:

A probable radio beacon is located at the northwest edge of Novosemeykino, USSR, 14 nautical miles north-northeast of Kuybyshev, at 53°23'N/50°20'E. The station contains 3 large buildings probably housing transmitters, 4 cooling ponds, several smaller buildings, four 615-foot self-supporting towers positioned to form a 275-foot square (tower group A, on the accompanying illustration), four 350-foot self-supporting towers positioned to form a 190-foot square (tower group B) 2 probable self-supporting towers, numerous stick masts, and 2 double rhombic antennas (items 1 and 2). A possible dissipation line within each of the rhombics indicates a transmitting capability. Data on the rhombics are given in the following table (numbers are keyed to the illustration).

Declass Review by
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PIC/JB-110/60

25X1D

No	Major Axis (ft)	Minor Axis (ft)	End-Pole Separation (ft)	Length of Side (ft)	End-Pole Height Approx (ft)
1	630	280	90	345	90
2	700	320	95	385	100

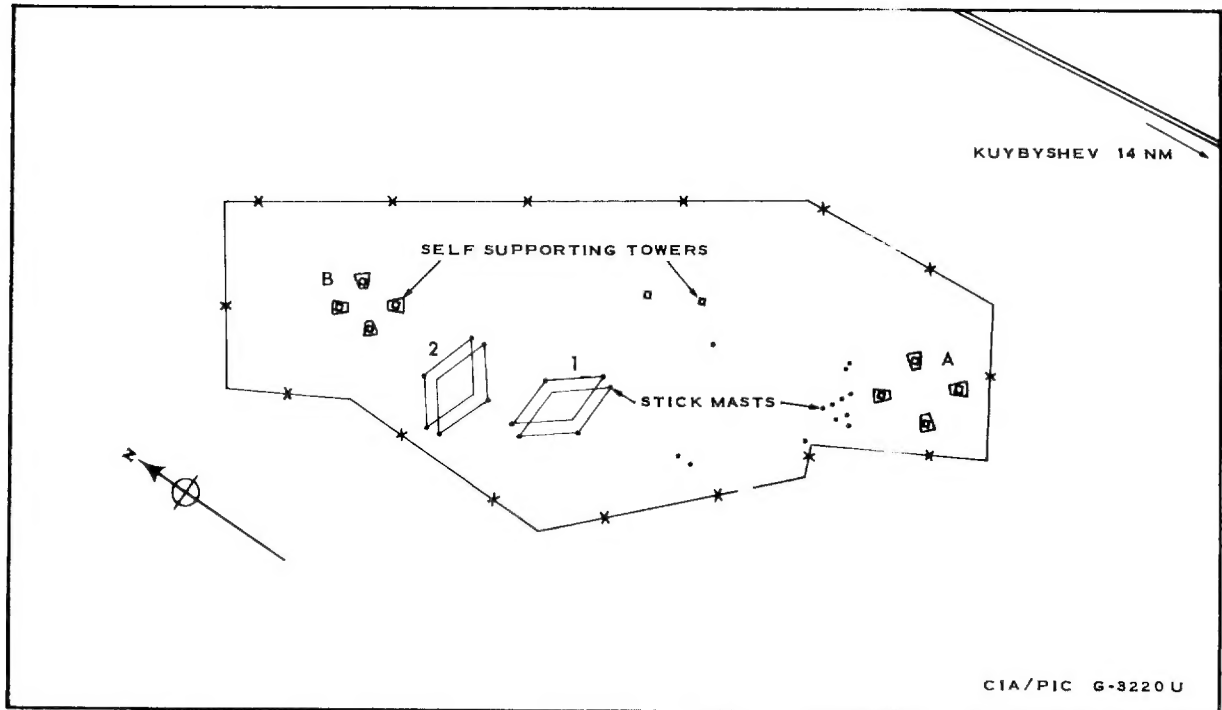


Although this station is called, by the Air Target Chart cited, a very high frequency broadcasting station, it is probably the medium-frequency radio beacon reported to exist in the Kuybyshev area (see [REDACTED]). This report is supported by the presence of equipment normally associated with medium-frequency transmission, namely, rings at the top of each self-supporting tower, probable top-loading capacitors, and a ground screen at the base of each tower.

25X1A

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PIC/JB-110/60



PROBABLE RADIO BEACON AT NOVO SEMEYKINO, USSR. This installation is 14 nautical miles north-north east of Kuybyshev. (Date of photography, [REDACTED])

25X1D